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9/25/97

**Certification under 37 CFR 1.8(a)**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with The United States Postal Service with sufficient postage as first class mail in an envelope addressed to The Assistant Commissioner for Patents, Washington, D.C. 20231 on **May 7, 1997**.

Richard J. Streit

Name



Signature

DOCKET: CU-1516

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Terumi SUNAGA

Serial No.: 08/820,608

Group Art Unit:

Filed: March 19, 1997

Examiner:

For: SPREAD SPECTRUM COMMUNICATION TRANSMITTER AND RECEIVER,  
AND CDMA MOBILE COMMUNICATION SYSTEM AND METHOD

THE ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

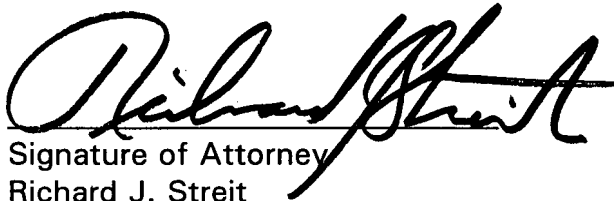
**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT WITHIN THREE MONTHS OF  
FILING OR BEFORE MAILING OF FIRST OFFICE ACTION**

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of the first Office action on the merits, whichever event occurs last. 37 CFR 1.97(b).

Date:

5/7/97

Reg. No. 25765



Signature of Attorney

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Chicago Illinois 60604

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**INFORMATION DISCLOSURE STATEMENT**

Applicants submit herewith patents, publications or other information of which the applicants are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose under 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

The references submitted herein are listed on PTO-1449 form (modified) enclosed herewith. A copy of each reference listed is being furnished except any duplicate or cumulative patents or publications specified otherwise.

A translation of any foreign language reference, if any, is indicated in PTO-1449 form and being submitted herein if it is readily available. Otherwise it should be construed that such translation is not readily available.

Additional comments, if any, on the relevance of each reference listed are provided as follows:

The Japanese reference submitted herein discloses the use of a pilot data signal in a CDMA system. However, it fails to disclose or suggest an intermittent transmission of the pilot data signal.

The Statement is made on the basis of the information:

_____	supplied by the inventor(s);
<u>  X  </u>	supplied by an individual associated with the filing and prosecution
	of this application (37 CFR 1.56(c)); or
_____	in the attorney's file.

Respectfully submitted,

Date:

5/7/97  
Reg. No. 25765



Signature of Attorney

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